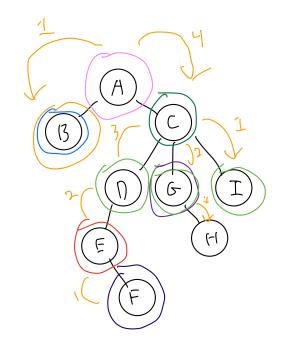
Trees!



root node : S A

E:5 or Parent of F Height of tree:54

| Depth of H:53 13:5 a Child of A Depth of F:54

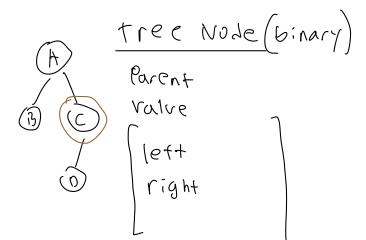
D, G, I are Siblings

Fis a decendant of A, C, D, E

C is an ancentor of F, H ... More

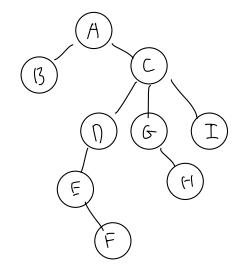
leaf lexternal nodes are: B, F, H, I

brunch / internal nodes are: A, C, D, E, G



## Pre order

Print: A, B, C, D, E, F, G, H, I



roid Preorder (node) {

if (node == null ptr) {

return;

}

Print (node > val)

Preorder (node > Child2)

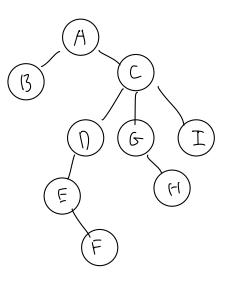
Preorder (node > Child2)

Preorder (node > Child3)

ABCDERGHT

## Post order

Print: B FEDMGILA



```
roid Post Order (Node) {

if (node = = null ptr) {

return;

}

Preorder (node > Child2)

Preorder (node > Child2)

Pre order (node > Child3)

Print (node > val)

3
```